

REMARKS

Claims 1, 17, 30 and 61-83 are pending. In this Response, claims 1, 17 and 30 have been amended, claims 2-16, 18-29 and 31-60 have been cancelled, and claims 61-83 have been added.

I. DECISION ON APPEAL

The Decision on Appeal (1) sustained the rejection of 1-4, 6, 7, 11, 13-15, 17-19, 21, 24-27, 29-34, 37, 42-48, 50, 53, 57, 58 and 60 based on *Tanaka et al.* (U.S. Patent No. 5,486,967) and reversed the rejection of claims 10, 49 and 55 based on *Tanaka et al.*; (2) reversed the rejection of claims 1-60 based on *Hesterman et al.* (U.S. Patent No. 5,434,733) in view of *Hamilton* (U.S. Patent No. 4,423,450); and (3) reversed the rejection of claim 55 based on *Somers* (U.S. Patent No. 5,097,371) in view of *Hamilton*.

Thus, the outstanding rejections for claims 5, 8, 10, 12, 16, 20, 22, 28, 35, 36, 38, 39, 40, 41, 49, 51, 52, 54, 55, 56 and 59 have been reversed.

Claim 1 has been amended to rewrite claim 5 in independent form including all the limitations of the base claim and any intervening claim.

Claim 17 has been amended to rewrite claim 20 in independent form including all the limitations of the base claim and any intervening claim.

Claim 30 has been amended to rewrite claim 36 in independent form including all limitations of the base claim and any intervening claims.

Claim 61 constitutes claim 8 rewritten in independent form including all limitations of the base claim and any intervening claims. Claim 62 depends from claim 61 and corresponds to claim 9.

Claim 63 constitutes claim 10 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 64 constitutes claim 12 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 65 constitutes claim 16 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 66 constitutes claim 22 rewritten in independent form including all limitations of the base claim and any intervening claims. Claims 67-70 depend from claim 66 and correspond to claims 23-26, respectively.

Claim 71 constitutes claim 28 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 72 constitutes claim 35 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 73 constitutes claim 38 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 74 constitutes claim 39 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 75 constitutes claim 40 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 76 constitutes claim 41 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 77 constitutes claim 49 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 78 constitutes claim 51 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 79 constitutes claim 52 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 80 constitutes claim 54 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 81 constitutes claim 55 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 82 constitutes claim 56 rewritten in independent form including all limitations of the base claim and any intervening claims.

Claim 83 constitutes claim 59 rewritten in independent form including all limitations of the base claim and any intervening claims.

II. FEES

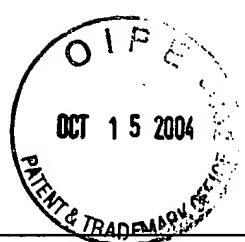
The fee is calculated below:

For	Claims Remaining After Amendment	Highest Number Previously Paid For		Extra Claims	Rate		Additional Fee
Total Claims	26	– 60	=	0	x \$18	=	\$0
Independent Claims	21	– 3	=	18	x \$86	=	\$1548
Multiple Dep. Claim	0	0			\$280	=	\$0
Total Fee						=	\$1548

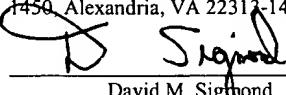
Please charge the \$1548 fee and charge any underpayment and credit any overpayment to Deposit Account No. 13-0016/276.

III. CONCLUSION

In view of the amendments and remarks set forth herein, the application is believed to be in condition for allowance. Should any issues remain, the Examiner is encouraged to telephone the undersigned attorney.

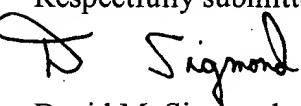


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10/11/04
Date of Signature

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